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Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				Application Number	10/758,672
				Filing Date	January 15, 2004
				First Named Inventor	Hui-Quan Han
				Art Unit	1614-1652
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	01017/35966B

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ES	A1	5,861,312	08-19-1999	Varshavsky et al.	01/19/1449
ES	A2	6,706,505	03-16-2004	Han et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
ES	B1	WO 98/23283	06-04-1998		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
ES	C1	BARACOS et al., "Activation of the ATP-ubiquitin-proteasome pathway in skeletal muscle of cachetic rats bearing a hepatoma", <i>Am J Physiol</i> 268 (Endocrinol Metab):E996-1006, 1995.			
ES	C2	BARTEL et al., "The recognition component of the N-end rule pathway" <i>EMBO J</i> 9:3179-3189, 1990.			
ES	C3	CIECHANOVER, "The ubiquitin-proteasome pathway: on protein death and cell life", <i>EMBO J</i> 17:7151-7160, 1998.			
ES	C4	HILLIER et al., Database GenBank. Accession No. AI929033, Aug. 23, 1999.			
ES	C5	KWON et al., "The mouse and human genes encoding the recognition component of the N-end rule pathway", <i>Proc Natl Acad Sci USA</i> 95:7898-7903, 1998.			
ES	C6	LECKER et al., "Muscle protein breakdown and the critical role of the ubiquitin-proteasome pathway in normal and disease states", <i>J Nutr</i> 129:227S-237S, 1999.			
ES	C7	MATSUMOTO et al., "Tumor inoculation site-dependent induction of cachexia in mice bearing colon 26 carcinoma", <i>Bril J Cancer</i> 79:764-769, 1999.			
ES	C8	MITCH et al., "Mechanisms of muscle wasting: the role of ubiquitin-proteasome pathway", <i>New England J Med</i> 335:1897-1905, 1996.			
ES	C9	REISS et al., "Affinity purification of ubiquitin-protein ligase on immobilized protein substrates", <i>J Biol Chem</i> 265:3685-3690, 1990.			
ES	C10	SOLOMON et al., "Rates of ubiquitin conjugation increase when muscles atrophy, largely through activation of the N-end rule pathway", <i>Proc Natl Acad Sci USA</i> 95:12602-12607, 1998.			
ES	C11	STRAUSBERG et al. Database GenBank. Accession No. AI361043, Feb. 15, 1999.			
ES	C12	TANAKA et al., "Experimental cancer cachexia induced by transplantable colon 26 adenocarcinoma in mice", <i>Cancer Res</i> 50: 2290-2295, 1990.			
ES	C13	WILSON et al., "2.2 Mb of contiguous nucleotide sequence from chromosome III of <i>C. elegans</i> ", <i>Nature</i> 368:32-38, 1994.			

Examiner Signature	E. Slobodjansky	Date Considered	11/4/05
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* Did not receive